

What is claimed is:

1. An information fragments editing system for executing an application program for obtaining information from an external application program to show the obtained information as an information object, comprising:

information storing means for storing contents and attribute information of an information object to be shown;

drawing means for showing the information object on a window in accordance with the contents and attribute information stored in said information storing means;

message transmitting means for transmitting a control message to an external application program;

event analyzing means for analyzing an event and reporting a result of the analysis; and

application executing means for performing at least any one of processes including a process of controlling said information storing means for storing the contents and the attribute information of the information object, a process of controlling said message transmitting means for transmitting the control message to an external application program and a process of controlling said drawing means for showing the information object, in accordance with the result of the analysis reported from said event analyzing means;

wherein in case that any information in an external application program has been selected and an event for



means for selecting a created information object; and  
means for removing the contents and attribute information  
on the selected information object from said information  
storing means and also clearing display of the information  
object on a window.

6. An information fragments editing system according to  
claim 1, further comprising:

means for selecting a created information object;  
means for changing the contents of the selected  
information object in accordance with an input from outside;  
and

means for showing the changed information object.

7. An information fragments editing system according to  
claim 1, further comprising:

means for selecting a created information object;  
means for creating a new information object relating to  
the selected information object in accordance with an input  
from outside; and

means for showing the newly created information object.

8. An information fragments editing system according to  
claim 1, further comprising:

means for selecting created information objects;  
means for creating a combined information object with  
which the contents of the selected information objects are  
combined; and

means for showing the combined information object.

9. An information fragments editing system according to claim 1, further comprising:

means for selecting a created information object;

means for creating separated information objects from which the contents of the selected information object are separated; and

means for showing the separated information objects.

10. An information fragments editing system according to claim 1, further comprising:

means for selecting created information objects; and

means for grouping the selected information objects into one information object group.

11. An information fragments editing system according to claim 10, wherein

when one information object in the information object group has been selected and the location of the selected information object has been moved, all the other information objects in the information object group are moved in such a manner that the relative location thereof in the information object group is maintained.

12. An information fragments editing system according to claim 10, wherein

when one information object in the information object group has been selected and the selected information object has

been deleted, all the other information objects in the information object group are also deleted.

13. An information fragments editing system according to claim 10, wherein

one information object in the information object group is selected, and the relationship of the selected information object in the information object group is canceled.

14. An information fragments editing system according to claim 10, wherein

two information objects are selected, and a hierarchical relationship is given to the selected information objects to form an information object group.

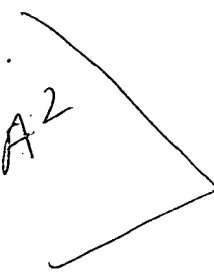
15. An information fragments editing system according to claim 14, wherein

a master information object or a slave information object belonging to the information object group in which the hierarchical relationship is given is selected, and the selected information object is deleted.

16. An information fragments editing system according to claim 10, wherein

an information object belonging to any one of information object groups and an information object which does not belong to any information object group are shown on the window by different ways.

17. A computer memory product storing a computer program

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for obtaining information from an external application program and showing the obtained information as an information object, said computer program comprising the steps of:

analyzing an event for selecting information from an external application program;

obtaining the selected information;

creating an information object in accordance with the selected information; and

displaying the created information object on a window.

18. A computer memory product according to claim 17, said computer program further comprising the steps of:

selecting a created information object; and

returning the contents of the selected information object to the original external application program from which the information object has been obtained or a specified external application program which is different from the original external application program.

19. A computer memory product according to claim 17, said computer program further comprising the steps of:

selecting a created information object; and

editing the contents of the selected information object.

20. A computer memory product according to claim 19, wherein said editing process includes at least one of processes including a process for moving the location of the information object, a process for deleting the information object, a

process for changing the contents of the information object, a process for creating a new information object related to other information object, a process for combining information objects and a process for grouping information objects.

21. A computer memory product having computer readable program code means capable of reading by a computer for obtaining information from an external application program and showing the obtained information as an information object, said computer readable program code means comprising:

program code means for causing the computer to analyze an event for selecting information from an external application program;

program code means for causing the computer to obtain selected information;

program code means for causing the computer to create an information object in accordance with the selected information; and

program code means for causing the computer to show the created information object on a window.

22. A computer memory product according to claim 21, said computer readable program code means further comprising:

program code means for causing the computer to select a created information object; and

program code means for causing the computer to insert the contents of the selected information object into the original

external application program from which the information object has been obtained or a specified external application program which is different from the original external application program.

23. A computer memory product according to claim 21, said computer readable program code means further comprising:

program code means for causing the computer to select a created information object; and

program code means for causing the computer to edit the contents of the selected information object.

24. A computer memory product according to claim 21, wherein

said editing process includes at least one of processes including a process for moving the location of the information object, a process for deleting the information object, a process for changing the contents of the information object, a process for creating a new information object related to other information object, a process for combining information objects and a process for grouping information objects.

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